

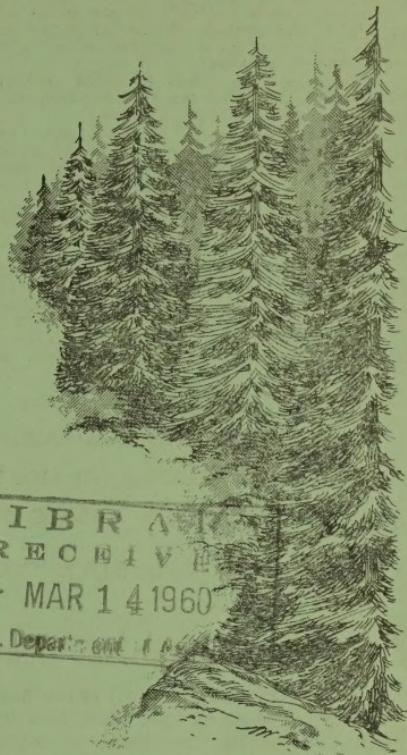
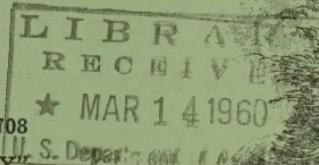
# SEED CATALOG

Imported and Domestic

Tree and Shrub Seeds

Telephone HEmlock 4-5708

Cable Address "FORESTRY"



**PRICE LIST**

**SPRING — 1960**

**FORESTRY ASSOCIATES**

Registered Dealer, Penna. Dept. of Agriculture

160 E. HAMILTON ST.

P. O. BOX 1069                    ALLENTOWN, PENNA.

## **TERMS and CONDITIONS**

This list cancels all previous offers effective February 20, 1960. Prices quoted are fob Allentown, Penna., including packing (except export orders). Unless otherwise specified, prices for one half and one quarter pound lots are based upon the proportional pound rate; for example, seeds costing \$5.00 per pound would cost 50 cents per ounce, or \$1.25 for quarter pound, plus postage. Please remit full value of purchase (INCLUDING POSTAGE) with order. Shipments made on open account providing satisfactory credit arrangements have been made in advance.

On orders amounting to \$10.00 or over, a cash discount of 2% is allowed. Orders totaling less than \$5.00 are subject to a 25 cent handling charge. Invoices are due when rendered unless otherwise specified.

Orders are accepted subject to final crop outcome. In event of crop failures or short supplies, deliveries will be made in sequence orders are received. We reserve the right to return orders received in excess of our supplies. Some seeds are perishable and cannot be stored over the winter months. Such seed items must be ordered either before collection begins or while supplies are available.

Shipments travel at customers risk after our release to carriers. Any claims for damages incurred in transit must be made to carrier. All shipments sent parcel post will be insured.

Forestry Associates guarantees the origin, strain and year of seed to be as quoted herein. "Certificate of Origin" will be furnished upon request. All seeds are tested for germination and purity and such information is attached to each seed lot sold. Contents tags comply with the laws of the states of Penna., Michigan and New York.

Shipments should be examined carefully after arrival for appearance and shortages. No claims will be honored after customer has stored or planted seeds.

### **OUNCE LOTS AVAILABLE AT 10% OF POUND RATE**

**PACKETS AVAILABLE ON MOST SEEDS LISTED AT 35c EACH OR**

**3 for \$1.00 UNLESS OTHERWISE SPECIFIED**

**PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE**

### **NOTICE TO ALL PENNSYLVANIA CUSTOMERS**

Under Penna. law, all sales made by residents of this state are subject to a 4% sales tax. This law applies regardless if seed is purchased from dealers in this state or outside Penna. There are exemptions to this law covering commercial nurserymen and growers. To be tax exempt, you must file an EXEMPTION CERTIFICATE with us. Copies are available upon request. Residents outside Penna. who purchase seed by mail are not required to pay this tax.

### **POSTAGE AND FREIGHT RATES CONTINUE TO RISE**

Please include ample postage to cover your order in full. Parcel post rates have risen 17.2% since our last catalog was issued, resulting in additional shipping expense. Also, please remember that if one pound of seed is ordered, postage will be necessary for 2 pounds. This is caused by the weight of the packing, which puts the package over the one pound weight limit. Your cooperation will be most appreciated.

## PINES

		Price Per Pound
PINUS ARISTATA, Bristlecone Pine (Rocky Mtns.) (CS)		9.00
PINUS BANKSIANA, Jack Pine (Lake States) (CS)		7.00
PINUS CARIBAEA, Slash Pine (S. Carolina) (CS)		6.00
PINUS CEMBRA, Swiss Stone Pine (Austria) (CS)		1.50
PINUS CONTORTA, Lodgepole pine (Rocky Mtns.) (CS)		11.00
PINUS DENSIFLORA, Japanese Red Pine (Japan) (CS)		3.00
PINUS ECHINATA, Shortleaf Pine (Penna.) (CS)		15.00
PINUS EDULIS, Colorado Pinyon Pine (Colorado) (CS)		4.75
PINUS FLEXLIS, Limber Pine (Colorado) (CS)		4.00
PINUS KORAINENSIS, Korean Pine (CS)		3.25
PINUS MUGHUS MUGHO, Dwarf Mugho Pine (Austria Alps) (CS)		6.00
PINUS MUGHUS var PUMILO, Dwarfest of Mugho Pines (Tyrolean)		8.50
PINUS NIGRA, Austrian Pine (Austrian Mtn. Strain)		3.00
PINUS NIGRA, Austrian Pine (France) (CS)		3.25
PINUS NIGRA, Austrian Pine (Germany) (CS)		3.25
PINUS PALUSTRIS, Longleaf Pine (S. Carolina) (CS)		3.25
PINUS PARVIFOLIA, Japanese White Pine (Japan) (CS)		4.00
PINUS PONDEROSA, Ponderosa Pine (Rocky Mtns.) (CS)		4.00
PINUS PUMILA, Japanese Stone Pine (Japan) (CS)		6.00
PINUS RESINOSA, Red or Norway Pine (Lake States) (CS)		9.00
PINUS RESINOSA, RED or Norway Pine (Pa.) (CS)		10.00
PINUS RIGADA, Pitch Pine (Penna.) (CS)		7.00
PINUS STROBUS, Eastern White Pine (Lake States) (CS)		5.00
PINUS STROBUS, White Pine (Pa. or NE)		6.00
PINUS STROBUS, Eastern White Pine (ADR) (CS)		6.50
PINUS SYLVESTRIS, Scotch pine (Austrian Hill Strain) (CS) Scotch Pine, Lower Austria (CS)		6.75 5.00
Scotch Pine, Belgium (CS)		5.25
Scotch Pine, Burgenland (CS)		5.25
Scotch Pine, French Race DeNobel Auvergne (CS)		5.00
Scotch Pine, North German Plains (CS)		11.00
Scotch Pine (From Pennsylvania Plantations)		10.00
Scotch Pine, Poland (CS)		5.00
Scotch Pine (S. Germany) (CS)		13.00
Scotch Pine, Spanish Burgos (CS)		8.00
Scotch Pine, Spanish Guadarrama (CS)		10.00
PINUS TADEA, Loblolly Pine (Georgia) (CS)		7.00
PINUS THUNBERGI, Japanese Black Pine (Japan) (CS)		3.25

## SPRUCES

PICEA ABIES, Norway Spruce (Austria) (CS)		3.90
Norway Spruce, Belgium (Ardeenes) (CS)		4.50
(Seed from selected forests with official certificate)		
Norway Spruce, Central Alps (CS)		4.75
Norway Spruce, France (CS)		3.75
Norway Spruce, Germany (CS)		4.50
Norway Spruce, Denmark		4.50
Norway Spruce, Tyrolean Alps		4.50
PICEA ALBEETINA GLAUCA, Alberta white spruce		12.00
PICEA CANADENSIS, White Spruce (Lake States) (CS)		xxxx
PICEA DENSATA GLAUCA, Black Hills Spruce (Dakota) (CS)		sold
PICEA ENGELMANNI, Engelmann Spruce (Colorado) (CS)		10.00
PICEA GLAUCA, White Spruce (Choice Austria or Germ'y) (CS)		6.00
PICEA GLAUCA, White Spruce (Sweden or Danish) (CS)		6.00
PICEA JEZOENSIS var. HODOENSIS, Hondo Yeddo Spruce (Japan) (CS)		12.00
PICEA MARIANA, Black Spruce (Lake States) (CS)		23.00
PICEA OMORICA, Sebrian spruce (CS) per ounce		5.00
PICEA POLITA, Tigertail Spruce (Japan) (CS)		8.00
PICEA PUNGENS GLAUCA, Colorado Blue Spruce (Colo.) (CS)		10.00
PICEA PUNGENS GLAUCA, Colorado Blue Spruce from high elevations (Colorado)		11.00

LONICERA TATARICA, Tatarian honey suckle (CS) . . . . .	4.00
MAGNOLIA HYPOLEUCA, (obvata) Silver Magnolia (CS) . . . . .	4.00
MAGNOLIA KOBUS, Japanese Magnolia (CS) . . . . .	4.00
MAGNOLIA LILIFLORA, Purple Magnolia (CS) . . . . .	6.50
MAGNOLIA PARVIFLORA, Japanese pink Magnolia (CS) . . . . .	4.00
MALUS COMMUNIS, Common Apple (Europe) . . . . .	6.25
MALUS SIEBOLDI, Toringo (CS) . . . . .	7.50
MALUS ZUMI, Zumi orabapple (CS) . . . . .	2.90
NANDINA DOMESTICA, Red berried (CS) . . . . .	4.00
NANDINA DOMESTICA, White berried (CS) . . . . .	4.00
OSTRYA VIRGINIANA, Am. Hornbeam (Penna.) (CS) . . . . .	5.00
PARTHENOCISSUS QUINQUEFOLIA, Virginia creeper (DB) . . . . .	1.50
PHOTINA GLABRA, Japanese Hawthorne (CS) . . . . .	4.00
PHOTINA VILLOSA, Oriental Hawthorne (CS) . . . . .	4.00
PLANTUS OCCIDENTALIS, Am. Sycamore (Balls) . . . . .	.50
PRUNUS AMERICANA, Common apricot (CS) . . . . .	1.00
PRUNUS MAHALES, Mahaleb cherry (CS) (price on request) . . . . .	
PRUNUS VIRGINIANA, Choke cherry (Penna.) (CS) . . . . .	1.00
PRYUS COMMUNIS, Common pear (Europe) (CS) . . . . .	4.00
QUERCUS BOREALIS, Northern red oak (Penna.) . . . . .	.20
QUERCUS PALUSTRIS, Pin Oak (Penna.) . . . . .	.55
RHUS AROMITACA, Fragrant sumac (CS) . . . . .	3.00
RHUS GLABRA, Smooth Sumac (CS) . . . . .	3.00
RHUS TYPHINA, Staghorn Sumac (CS) . . . . .	3.00
ROBONIA PSEUDOACACIA, Black Locust (U.S.) (CS) . . . . .	1.25
ROBONIA PSEUDOACACIA, Black Locust (Europe) (CS) . . . . .	.75
ROSA BLANDA, Meadow Rose (CS) . . . . .	3.25
ROSA CANINA (CS) . . . . .	1.00
ROSA MULTIFLORA, Multiflora rose (thorny) Japan (CS) . . . . .	2.00
ROSA MULTIFLORA, Thornless Rose (CS) . . . . .	3.25
ROSA RUGOSA, Rugosa Rose (CS) . . . . .	3.00
ROSA WICHURAIANA, Wichura Rose (CS) . . . . .	2.00
RUBUS OCCIDENTALIS, Wild Black Raspberry (Pa.) (CS) . . . . .	per ounce 1.00
SASSAFRASS ALBIDUM, Common Sassafrass (CS) . . . . .	3.00
SHEPHERIDA ARGENTIA, Buffalo Berry (CS) . . . . .	7.50
STYRAX JAPINICA, Japanese Snowbell (CS) . . . . .	2.75
STYRAX OBASSIA, Fragrant Snowbell (CS) . . . . .	4.50
SYMPHORICARPUS ORBICULATUS, Coralberry (Penna.) (CS) . . . . .	5.00
SYMPHORICARPUS RACEMOSA, Snowberry (CS) . . . . .	8.50
SYRINGIA JAPONICA, Japanese Lilac (CS) . . . . .	8.75
TILIA AMERICANA, Am. Basswood (DB) . . . . .	1.50
TILIA CORDATA, European Linden (DB) . . . . .	1.25
TILIA JAPONICA (cordata) Japanese Linden (CS) . . . . .	3.00
TILIA TOMENTOSA, Silver Linden (Europe) . . . . .	1.25
ULMUS AMERICANA, Am. Elm (CS) . . . . .	2.00
ULMUS PUMILA, Chinese Elm (CS) . . . . .	3.50
VIBURNUM ACERIFOLIUM, Maple-leaved Viburnum (Pa.) (CS) . . . . .	4.00
VIBURNUM DILATATUM, Linden Viburnum (CS) . . . . .	3.25
VIBURNAM LANTANA, Wayfaring Viburnum (CS) . . . . .	2.00
VIBURNUM ODORATISSIMUM, Sweet Viburnum (CS) . . . . .	3.75
VIBURNUM OPULUS, European Cranberry Bush (CS) . . . . .	2.75
VIBURNUM PRUNIFOLIUM, Black haw (Penna.) (CS) . . . . .	4.00
VIBURNUM RECOGNITUM, Smooth Arrowwood (Pa.) (DB) . . . . .	3.75
VIBURNUM SIEBOLDI, Siebold Viburnum (CS) . . . . .	4.00
VIBURNUM TOMENTOSUM, Doublefile Viburnum (CS) . . . . .	3.50
VIBURNUM TRILOBUM (American) (Penna.) (CS) . . . . .	6.00
VIBURNUM WRIGHTII, Wright Viburnum (CS) . . . . .	4.25
VITIS VULPINA, Frost grape (Pa.) (CS) . . . . .	2.00
WISTERIA SINENSIS, Blue wisteria (CS) . . . . .	2.00
WISTERIA SINENSIS ALBA, White wisteria (CS) . . . . .	3.00
WISTERIA MULTIJUGA, (floribunda) Blue, Long Spike . . . . .	4.25

**AZALEA JAPONICA, (Mollis) Japanese azalea**

AZALEA KAEMPFERI,	Pkt. \$1.00 — Per $\frac{1}{4}$ ounce	2.50
AZALEA SCHLIPPENBACHII (Collected in America's Prize garden display)	Red azalea Pkt. \$1.00, Per $\frac{1}{8}$ ounce . . . . .	2.00
KALMIA LATIFOLIA, Mountain laurel	Pkt. \$1.00, Per ounce	3.00
RHODODENDRON CAROLINIAUM, Carolina	Pkt. 1.00, $\frac{1}{8}$ ounce	4.00
RHODODENDRON CATAWBIENSE, Catawab	Pkt. \$1.00, $\frac{1}{4}$ oz.	3.00
RHODODENDRON MAXIM, Roseday	Pkt. \$1.00, $\frac{1}{4}$ oz.	2.50
		3.00

**HYBRID RHODODENDRONS**

RHOD. ALBUM NOVUM, White Hybrid	} Packets of Hybrid Rhododendron Seed — \$1.00 1/32 oz. 1.50 1/16 oz. 2.50
RHOD. CHARLES DICKENS, Red hybrid	
RHOD. CATAWBIENSIE ALBUM, White Hybrid	
RHOD. ENGLISH ROSEUM, Dark rose pink hybrid	
RHOD. EVERESTIANUM, lavender Hybrid	
RHOD. MRS. C. S. SARGENT, Pink	
RHOD. PURPERUM ELEGANS, Purple Hybrid	
RHOD. ROSEUM ELEGANS, Rose Pink Hybrid	
RHOD. CHAS. BAGLEY, Red Hybrid	
RHODO DRESSEYLOYS, Hybrid	

FRENCH RACE DENOBEL AUVERGNE . . . . .	6.25
VOSGES MTS. FRANCE . . . . .	10.00

We Purchase Tree and Shrub Seeds of All Kinds.

Write For Details.

**ABBREVIATIONS**

(CS) Clean seed	(DB) Dried berries	(DH) Dried hips	(B) Balls
(Pa.) Penna. seed	(L.S.) Lake States seed	(ADR) Adirondack Mt. seed	
(NE) New England seed.			xxxx Denotes Crop Failure.

**COLD STORAGE FACILITIES AVAILABLE**

From time to time we have been contacted by various growers seeking information on the safe storage of seed. Most all lack the proper cool storage and packing facilities necessary to keep seed. With this thought in mind, we have obtained additional cold storage facilities for your use.

We are pleased to advise that effective at once, our cool storage rooms are available for the storage of your seed. Since seed must be kept in airtight containers, you can supply your own or, use our packaging for a small fee. Any amount of seed from an ounce to hundreds of pounds can be stored at a nominal cost. Write for further details, advising amount of seed to store, kind and year collected.

(Constant 35 degrees temperature at all times)

## **KNOW THE SOURCE AND QUALITY OF SEED YOU BUY**

While the germination percentage obtained from seed has always been of vital concern to growers, there has been a marked increase in the interest shown by them concerning the sources of seed. We realize that this is a matter of utmost importance to Nurserymen and Christmas tree growers alike. To help fulfill this desire, we are embarking upon a "new policy" of purchasing and selling seed.

Effective immediately with the new crop harvest, all our collectors will be required to furnish us with a "Certificate of Origin" for all lots of seed offered. Such seed when received by our firm will be given a lot number, independent of any other lot.

To further our policy of supplying only the best of seed, germination tests will be made on each lot we offer for sale. These tests will be made in laboratories fully equipped for seed testing, by seed technologists who are specialists in testing tree seed.

Each lot of seed we ship to our customers will have a "contents tag" attached. This will contain all the information from the original "Certificate of Origin," plus our own lot number and results obtained from germination tests.

All records as to the origin, germination, etc. will be available for public inspection at our office, 160 East Hamilton St., Allentown, Pa.

We feel that growers should also keep their own records as to the results obtained after seed has been sown. This is especially true for form, rate of growth, color and length of needles in Scotch pine, for growth, color and winter hardiness in Douglas fir. Records maintained on other species may some day prove valuable to the grower. No one seed source may prove best for all growers or sites.

In short, we are attempting to furnish the highest quality seed available of known source and origin. Growers can regulate their seed bed density by knowing the true germination percentage of each lot of seed as found by test.

We are keeping close check on experiments now in progress. Research men are studying coloration of Scotch pine and color and winter hardiness of Douglas fir. It is a pleasure to report that some of the strains of seed exploited by us are now being tested at the present time for the most desirable characteristics. It is hoped that some definite conclusions will be reached on these subjects within the near future.

We sincerely hope that by keeping records from year to year and comparing results with growers, some superior strains of seed may be found. Your comments and criticism will be most welcome in helping us to carry out this vital program. It is our sincere belief that this is a step in the right direction and with your cooperation this program will be a "growing" success.